**POWER PLATE ADAPTER**

Now expand your Bobcat, Case IH, New Holland, or John Deere skid loader use with this Cat 1, 3-point skid loader adapter with quick-attach. Features include 540-rpm power take-off, adjustable stabilizer bar, and multiple lower links that accommodate a variety of attachments and an adjustable top link.

Harper/Goossen/800-835-1042
For information, circle 197 or see www.oners.ims.ca/2079-197

---

**HUSQVARNA’S WALK-BEHIND**

Husqvarna’s 55R21HV walk-behind mower boasts a 5.5 hp Honda OHV engine and Auto-Walk rear drive self-pacing system to complete mowing projects more quickly.

The 55R21HV features a 21-in. cutting width, two-point cutting height adjustment, a 3-in-1 matching system and a 2.5-bushel grass bag. With a three-position handle height adjustment and foam grip upper handle, the 55R21HV means comfort for operators.

Husqvarna/800 GET SAWS
For information, circle 153 or see www.oners.ims.ca/2079-153

---

**FAST CUT**

The new Dixie Chopper riding mower XT'3000 features a Generac 30-hp OHV engine and stability in a 60- or 72-in. deck, zero turn design. Unit can cut an average of 8 acres of grass in an hour with a ground speed of 15 mph and has extra features for operators, including a beverage cooler.

Hinged floor pan allows for easy access to critical service areas. Lifetime warranty on frame and front caster bearings.

Magic Circle Corp./765-246-7737
For information, circle 196 or see www.oners.ims.ca/2079-196

---

**Great Fields Get Noticed.**

TurfcO offers you a strong team of turf building equipment. They’re the fastest and most versatile equipment to let you build hardier and healthier turf. Your sports fields become safer to play on and become easier to maintain. Originators of Mete-R-Matic® top dressers in 1961, TurfcO’s professional equipment gives your field a look that gets noticed.

**Pro Turf Edger**

Special design makes it easy to follow any edge. Eliminates spade work around the diamond. Oscillating blade action cuts fast and clean. Leaves no mess or no thrown debris to clean up.

**Economy Aerator**

Now you can afford to breathe life into any sports field. This low cost, 62" aerator has no hydraulics or mechanical linkages for easy use and low maintenance. Hooks up to any vehicle in seconds.

**Precision Top Dresser**

Fast, uniform, versatile. Patented chevron belt lets you handle top dressing, lime, crumb rubber, gypsum, calcine clay, compost and even overseeding with precision. Level fields and amend soil consistently.

For details and the name of your local dealer, call 1-800-679-8201

TurfcO Manufacturing Inc.
1655 101st Avenue Northeast
Minneapolis, MN 55449-4420

THEDLEADERSINCE1981.

Circle 118 on card or www.oners.ims.ca/2079-118

http://www.sportsturfmanager.com • STMA

SPORTSTURF 31
Doug Gallant is head groundskeeper for the Cincinnati Reds and their new home, Great American Ball Park. He took a few minutes during preparation for their opener to talk to SPORTSTURF:

Q: How did you get started working with turf? Who was your mentor?
A: I started in sports turf when I was 17 working for Worthington City (OH) schools. Tim Gerhring, Dave Wickline, and Kevin Boll really gave me every opportunity to learn as much as I wanted at a young age. I was fortunate because the fields we maintained were considered high profile and we had the resources to do the necessary aerification, topdressing, fertility, etc. I worked around classes and in the summers for 6 years. After graduating from Ohio State I landed a job with The Motz Group and built on my knowledge by working on a variety of fields all across the country.

I do not have one mentor. There have definitely been many people that have influenced me and have helped me along the way. It seems at every step along the way good people have been there to help me move to the next step. In the early years it was the staff at Worthington and then Joe Motz really took over from there and here I am. My wife, Lisa, has also always been there to encourage and support me along the way.

Q: What was your biggest challenge last year?
A: My biggest challenge last year was modifying our infield dirt. After several trial and errors we got it to meet the players expectations and they really liked the way it played. This year we have the challenge of opening a new ballpark and everyone who has been through that knows all the challenges that entails.

Q: How do you get the most out of your crew?
A: I think the best way to get the most out of any crew is to lead by example. I would never ask a crewmember to do anything I have not done myself. I try to do as much as possible to spread the workload evenly so no one person is burdened with more work than anyone else does. A head groundskeeper is only as good as his crew.

Q: What do you do to relax away from your field?
A: Away from the field I love to spend as much time with my wife and kids as possible. I enjoy my time at our house that is located in a rural county 45 miles east of Cincinnati. We live in a tight knit community and I enjoy helping where I can.

Q: What advice do you have for turf managers?
A: Work hard and never lose sight of the big picture. There are a lot of times when our hard work goes unnoticed, but if you have the pride that burns inside then it is all worth it.
SUNSCREEN
Rocky Mountain Sunscreen has a superior Bonding Base formula that interlocks with your skin, allowing it to stay on better and last longer. Use daily. It is non-greasy, fragrance free, hypoallergenic, and it won’t clog your pores. Product is certified by the AMC Cancer Research Center as a top quality sun protective product.
Rocky Mountain Sunscreen/303-940-9803
For information, circle 185 or see www.oners.ims.ca/2079-185

COMPACT BLOWER
RedMax has a new compact, hand-held blower, the HBZ2600, powered by 25.4 cc Strata-Charged engine, which means CARB II and EPA Phase 2 clean air standards without a catalytic converter. Accessories include a jet nozzle or flat duck-bill nozzle and vacuum kit.
Strata-Charged engines use about 35 percent less fuel than the company’s regular 2-cycle engines.
Komatsu Zenoah America/800-291-8251, x213
For information, circle 188 or see www.oners.ims.ca/2079-188

Pictorial Guides to Quality Groundskeeping
Volume I and II
by Grounds Maintenance Services
The only textbooks on the market for the grounds supervisor, athletic coach, little league volunteer, or baseball purist. Over 500 photos in each volume with many in color.

Volume One, "Covering All The Bases"
(100 pgs) covers Mound and Home Plate Repair; Edging, Dragging, Lip Reduction; Water Removal; Homemade Equipment and Tricks of the Trade.

Volume Two, "There Ain’t No Rules"
(108 pgs) covers Football, Soccer, Softball, Little League, Minor League, College and High School Facilities. Also covers Curbisde Appeal; Tricks of the Trade, New Ideas for Easy Maintenance; Professional Research from Higher Learning Centers and much more.

Volume I Item #4008 $37.00
Volume II Item #4009 $37.00
Both Volumes Item #4022 $70.00

TO PLACE AN ORDER CALL (800)203-2552 OR ONLINE @ WWW.INDUSTRYBOOKS.COM
DRY-GAS V-TWINS

To meet increasing demand for gaseous-fueled power plants, Honda has developed two dry-gas V-twin engines of 620 and 670 cubic centimeter displacement.

When used in conjunction with the new T202ANL-620/670 fuel system module developed in partnership with IMPCO Technologies Inc., the new Honda GX620K1 and GX670 engines can operate on either propane or natural gas.

Advantages of gaseous dry-fuels like propane or natural gas over gasoline include improved fuel economy, reduced emissions (especially CO2), and increased engine durability. Additionally, many residences and commercial locations already have propane or natural gas infrastructure, making these fuels readily available and cost effective.

Honda Engines/800-426-7701
For information, circle 177 or see www.oners.ims.ca/2079-177

NEW EDGER BLADES

Shindaiwa, Inc. has a new and durable blade for its line of commercial handheld lawn edgers. The new blade features a sharp beveled edge for easier cutting, greater durability, and less resistance, and the 7.75-in. blade bolts on in just seconds. The part number for the Shindaiwa Cyclone edger blade is 80419.

Shindaiwa Inc./800-521-7733
For information, circle 182 or see www.oners.ims.ca/2079-182

SMALL ENGINE PLUGS

Autolite offers premium spark plugs for outdoor, small engine power equipment. Plugs made to withstand extreme operating temperatures experienced during engine combustion. The product's fine wire tip requires less voltage to make for quicker and more consistent starts, says the company.

Autolite/800-862-7737
For information, circle 187 or see www.oners.ims.ca/2079-187

COVER SPORTS USA

A Division of Humphreys Manufacturing
Your All-American Advantage
5744 Woodland Ave., Phila., PA 19143
800.445.6680 Fax: 215.724.8706
www.coversports.biz
email: sales@coversports.biz

Circle 120 on card or www.oners.ims.ca/2079-120

© 2003, CoverSports USA

Keep your bases loaded

...with FieldSaver™ Protective Rain Covers and FenceMate™ Wind and Privacy Screens.

CoverSports offers a full line of products to protect and enhance your baseball fields. And we manufacture everything, so we can customize to your specifications.

© 2003, CoverSports USA

Circle 120 on card or www.oners.ims.ca/2079-120

SPORTSTURF • http://www.greenmediaonline.com
SAFE Foundation endorses infill research project

During the 2002 STMA meeting in Las Vegas, the SAFE Foundation listed research projects on infilled synthetic turf systems as one of its research goals. We currently are conducting research at Penn State to meet those goals by evaluating the playing surface characteristics of various infilled systems over time and over several simulated wear intensities.

There is limited research on infilled systems available. Much of the data that is available has been generated by accelerated testing methods where the surface is exposed to several hours of very intensive wear that is supposed to simulate 5+ years of use. Our study is different. The plots will stay in place and be exposed to the elements and to typical levels of simulated use. We plan to conduct this study for up to 8 years.

Surface evaluation will occur at numerous designated dates throughout each playing season and will include evaluation during moisture and temperature extremes. Evaluation will include, but not be limited to, the following:

- Surface hardness using both the ASTM F 355 method and the Clegg impact tester (2.25 kg missile).
- Traction using PENNFOOT at varying loading weights (90 to 300 lbs.) and using different shoe types.
- Relative abrasiveness of the surface using ASTM F 1015 method.
- Turf system ball bounce and ball rebound as well as rolling resistance (speed) using ASTM 1551 suffix 31.

The objective of the study is not to somehow announce a “winner.” It is possible that the study will identify the conditions that affect the various systems (e.g., product X might have higher traction on a cold day, under no wear, using a Nike Destroyer and a 280 lb loading weight, when first installed; while Product Z ends up having a higher traction on a warm day under high wear, using an Adidas turf shoe and a 170 lb loading weight after 2 years of medium wear).

This project will likely generate an enormous amount of data on the performance of the various infilled systems and will be available via the internet to provide consumers non-biased data on which to base their decisions. Since the study is just getting underway, initial results will be available to the public this fall.

Andrew S. McNitt, Ph. D.
Assistant Professor of Soil Science - Turfgrass
The Pennsylvania State University

Don't Play With Lightning!

Lightning strikes without warning from as far as nine miles away! The handheld ThunderBolt™ Storm Detector senses lightning activity within 75 miles and displays storm intensity, distance, and ETA. ThunderBolt™ gives audible and visual warnings when lightning is close so spectators, players, and coaches can seek shelter. ThunderBolt™ also lets you know when it's safe to return.

Want to help us start a Sports Field revolution? Contact Rich King or Steve Trusty at 800-323-3875 for more information on how you can make sports fields SAFE!

http://www.sportsturfmanager.com • STMA
The Midwest Chapter of STMA, with the help of Hunter Industries and Pro's Choice Soilmaster, sponsored a comprehensive Irrigation Workshop February 20-21. Seventy attendees from all over the Midwest participated.

The 2-day workshop started with Dr. Hank Wilkinson of the University of Illinois teaching the basic principles of soils and how they relate to athletic field management and to proper irrigation management of our athletic fields.

A long time friend of the STMA, Lynda Wightman of Hunter Industries, followed Dr. Wilkinson. Lynda covered the basics of irrigation systems from design work all the way through installation of the correct system to fit your athletic field needs and budget restraints.

Karl Smith, Mike Clark, and Jeff Mgebroff of Hunter Industries also took turns at updating our knowledge of what makes up a successful irrigation system. During breakout sessions attendees learned what to specify as well as how to trouble shoot and make repairs. Good food and wonderful conversations helped make a successful 2-day workshop. The Midwest Chapter is very grateful to Lynda, Mike, Karl, Jeff and Hunter Industries for helping make this a successful event.

We are very grateful as well to Dave Cygan of Pro's Choice for helping sponsor our event and helping arrange for Dr. Wilkinson to be part of the event.

The board would also like to thank Libby and Ted Baker for all their hard work in organizing the event and following through with all the paperwork and attention to detail that helped make this a great educational seminar.

More to come
The Midwest Chapter is in the process of putting together two events for the coming year. We hope to have an Aerification, Overseeding and Fertilization Session in mid-May, details to come soon.

We are also in the process of putting together a fall workshop on how to put your baseball field to rest after the season. This session is being planned for mid-September.

For further information call the chapter hotline.

North Texas Sports Turf Managers Association: The Chapter will meet at the new Rough Riders facility in Frisco May 6. In the planning stages is a Round Table Topics Day to be held at the Texas A & M Extension Center. For information, or pending activities, contact Kathy Cassmeyer at 972-603-2869 or Katherine.Cassmeyer@lmco.com, or visit www.ntstma.org.

Iowa Sports Turf Managers Association: On May 6, ITI will co-host a Demonstration Day at the University of Iowa recreation fields and Finkbine Golf Course in Iowa City. ISTMA will meet at Sec Taylor Stadium in Des Moines June 24.

For information on the Chapter, or upcoming activities, contact Jeff Wendel of The Turf Office at tel. 515-232-8222, or fax 515-232-8228, or e-mail: Jeff@iowaturfgrass.org.

Colorado Sports Turf Managers Association: The Chapter will meet May 9 in Grand Junction. A Seminar is planned for June 19 at Sky Sox Stadium in Colorado Springs. Attendees will have the option of taking in a ballgame following the seminar.

The World Famous Lawnmower Man Open will be held at Heritage at the Westmore Golf Course July 22.

For information on the Chapter, or upcoming activities, visit the Chapter's website, www.CSTMA.org or call the CSTMA Chapter Hotline at 303-346-8954, or contact Chapter president Phil McQuade at 303-237-7188 or pmcquade@jeffco.k12.co.us.

Florida Chapter # 1: The Chapter will meet at Ft. Lauderdale Stadium May 13. Host for this event is Robert Dexter.

For information on the Chapter, or pending activities, contact John Mascaro at 954-341-3115 or STMA@Turf-Tec.com.

Mid-Atlantic Athletic Field Managers Organization (MAFMO Chapter STMA): The MAFMO Chapter will meet May 27 at George Mason University, home of the STMA 2002 College/University Baseball Field of the Year. For information on this event, email Nick Gammill at ngammill@american.edu.

For information on the MAFMO Chapter, or other pending activities, call the Hotline at 866-818-8873.

Midwest Chapter STMA: The Chapter will hold a Seminar May 20 at Northwestern University's Lakeside Field Complex. Along with other events, the Seminar will include demonstrations by several manufacturers of their aerification and topdressing equipment.
The Greater LA Basin Chapter of the Sports Turf Managers Association: The Chapter will hold an event to include: a mini field day, facilities tour, general meeting, softball challenge and lunch, all beginning at 11:00 am June 4 at Big League Dreams in Chino Hills.

For information on the Chapter or pending events, contact Libby Baker, California State University - Fullerton, at 714-276-9329 or email lb@fullerton.edu.

Ohio Sports Turf Managers Association (OSTMA): The Chapter will hold a Summer Field Day in conjunction with the Kentucky Chapter at the Cincinnati Reds' Great American Ballpark June 10. Speakers will include: Lynda Wightman from Hunter Industries, STMA president; Bob Campbell from the University of Tennessee, Doug Gallant from the Reds, and Pam Sherratt from OSU. Afternoon events will include a tour of the Great American Ballpark and of Paul Brown Stadium, home of the Cincinnati Bengals.

For information on the OSTMA Chapter, or upcoming events, call OSTMA Headquarters at 888-824-9805 or Boyd Montgomery at 419-885-1982, or visit the chapter's website at www.ostma.org.

Kentucky Sports Turf Managers Association: The Chapter will join in a joint meeting with the Ohio Chapter June 10 at the Great American Ballpark, home of the Cincinnati Reds. For information on the chapter or upcoming events, contact Tom Nielsen at TNielsen@battsbaseball.com or Aaron Boggs at ABoggs@netscape.net.

Wisconsin Sports Turf Managers Association: The Wisconsin Chapter is planning a major event for July 11. Morning sessions will be held at St. Norbert College. The afternoon event will be held at the legendary Lambeau Field.

For more information on the Wisconsin Chapter, or other pending events, contact Chris Brindley at 715-346-3622 or cbrindle@uwsp.edu.

Virginia Sports Turf Managers Association: The Chapter will meet July 15-16 at the University of Virginia. On July 15, attendees will tour UV's Scott Stadium and Harrison Field. The Field Day educational sessions and demonstrations will take place on July 16. STMA president Bob Campbell, CSFM, will be the featured speaker.

For information on the Virginia Chapter, or other upcoming events, contact Bob Studholme, Fairfax County Park Authority via e-mail: Bob@studholme@fairfaxcounty.gov or at 703-324-8590.

For information on the MO-KAN STMA Chapter, or upcoming events, call Jody Gill at 913-239-4121 or JGill2@biw229412ks.us.

Michigan Sports Turf Managers Association (MiSTMA): The Chapter is planning a June meeting at Birmingham Public Schools. More details will be announced soon.

For information on the Chapter or pending events, contact MiSTMA Headquarters at 517-712-3407, or email Amy Fouty, University of Michigan, at fouty@umich.edu, or go to www.mistma.org to visit the chapter's website.

South Texas Sports Turf Managers Association: The Chapter is planning an event at Texas A&M in College Station. Details will be announced soon.

For information on the South Texas Chapter, or upcoming events, contact Tim Loesch at 210-207-3734 or TLoesch@alamodome.com.

For information on the Midwest Chapter, or pending activities, call Libby Baker at 947-263-7063 or email Libby.Baker@netscape.net.

For information on the MO-KAN STMA Chapter, or upcoming events, call Jody Gill at 913-239-4121 or JGill2@biw229412ks.us.

Pacific Northwest Sports Turf Managers Association: The Chapter will hold a Field Day at Safeco Field August 19. More details will be announced soon.

For information on the Chapter or upcoming events, contact in Washington, Jay Warnick at jay@seahawks.com or in Oregon, Mike Wagner at MWagner@Oregon.UOregon.edu.

Sports Turf Managers Association of Arizona: For information on the Chapter, or upcoming events, contact Chris Calcutt at e-mail: chris@peoriaaz.com or tel. 623-412-4231 or Bill Murphy, at e-mail: bnmurphy@csclsettle.de.us or tel. 480-312-7956.

Northern California Chapter of the Sports Turf Managers Association: For information on the Nor-Cal Chapter, or pending events, call Janet Gift at 530-758-4200.

Southern California Chapter: For information on the Chapter, or pending activities, call Michael Tarantino at 535-679-2526 or MTarantino@powayusd.com.

Georgia Sports Turf Managers Association: For information on the chapter or upcoming events, contact Lori Turek at 770-509-3663 or gatm@earthlink.net.

Indiana Chapter: For information on the Chapter, or pending activities, contact Stan Moscrip, Indiana University, at 812-856-2256 or smoscrip@indiana.edu.

Keystone Athletic Field Managers Organization (KAFMO/STMA): The KAFMO Sports Turf Managers' School will be held June 23-25 at Lebanon Valley College in Annville. The School will provide classroom and hands-on sessions about baseball infield maintenance and renovation, turf management, aeration techniques, overseeding, soil biology and fertility, and much more.

For information on the KAFMO/STMA Chapter or upcoming events, contact Dan Douglas, Reading Phillies Baseball Club, at tel. 610-375-8469, ext. 212; or e-mail: kafmo@aol.com.

Nebraska Sports Turf Managers Association: For information on the Chapter, or upcoming events, call Loren Humphrey at: 402-461-2324 or email to lhumphrey@cityofhastings.org.

Sports Field Managers Association of New Jersey: For information on the Chapter, or upcoming events, call SFMANJ at 908-730-2224 or Eleanora Murfitt at 908-236-9118; or e-mail to HQ@sfmanj.org.

Tennessee Valley Sports Turf Managers Association (TVSTMA): For information on the TVSTMA Chapter, or upcoming events, call Chapter president Bob Elliott, Taceo, at 800-239-5947 or Glenn Lucas at 800-837-8062; email to Glenn@tvstma.org, or visit the chapter's website: www.tvstma.org.

Chapters on the Grow

New York: For information on the chapter forming in Central New York, contact Kevin Meredith, National Soccer Hall of Fame, at e-mail: kevin@wpe.com or at tel. 607-432-2953.
The Jaydec Drive Liner is a self-propelled riding line marker. The 35-gallon paint tank carries enough marking material for a complete game field, or several practice fields. The 2-gallon flush tank cleans the discharge lines for work breaks, travel, or overnight. The center or side-mark spray shields are always operator-visible. A nearly zero turning radius reduces or eliminates back and turn maneuvers.

Jaydee Equipment Company
202 East Joliet Highway, Box 278
New Lenox, IL 60451-0278
TOLL FREE: 1-800-443-3268
jaydee@theramp.net • www.jaydeeeqco.com

Fertigation
Turf Feeding Systems, Inc.
The leader in golf and landscape fertilizer injection • Worldwide

Model 500 - Landscape Enclosed Locking Injector
Manage Color & Growth Reduce Labor Improve turf quality
Recover Damaged Turf FAST Six Models - Ten Capacities
Call Today (800) 728-4504
Turf Feeding Systems, Inc.
WWW.TURFFEEDING.COM

Rain Insurance...
Are you covered?

Weather Beater®
by Colorado Lining
Football Baseball Soccer
Softball Tennis
Full Field, Mound/Home Plate
Covers, Batting Practice, Sideline,
Crown Covers, Turf Blankets,
Windscreen, Tennis, Custom,
Gym Floor Covers
New!
Rain Coat Economy Covers
877-448-2777 888-546-4641
Montana Texas

第一百 Stripe
outperforms the competition on & off the field

Paint Stencils Stripers
1-800-321-8358
Visit our web site
WWW.WHITLAMPAINT.COM

Circle 123 on card or www.oners.ims.ca/2079-123
Circle 124 on card or www.oners.ims.ca/2079-124
Circle 125 on card or www.oners.ims.ca/2079-125
Circle 126 on card or www.oners.ims.ca/2079-126
Circle 127 on card or www.oners.ims.ca/2079-127
Circle 128 on card or www.oners.ims.ca/2079-128